

Converting Colors

XYZ(15.6804, 17.2237, 10.5685)

Have a look what the booklet for
XYZ(15.6804, 17.2237, 10.5685)
contains.

XYZ(15.6535, 17.1649, 10.4708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.6535, 17.1649,
10.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	797452
RGB	121, 116, 82
RGB Percent	47%, 45%, 32%
CMY	0.5255, 0.5451, 0.6784
CMYK	0.00, 0.04, 0.32, 0.53
HSL	52°, 19%, 40%
HSV	52°, 32%, 47%
XYZ	15.6535, 17.1649, 10.4708
YIQ	113.6190, 13.8940, -9.5140

Conversions

Conversions Part 2

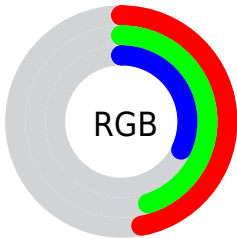
Format	Color
R_{YB}	88, 121, 82
Decimal	7959634
CIE Lab	48.47, -3.81, 19.52
CIE LCh	48, 19.888, 101.033
Yxy	17.1649, 0.3616, 0.3965
Android (android.graphics.Color)	4286149714 (0xFF797452)
YUV	113.6190, -15.5882, 6.4731
Hunter-Lab	41.4305, -5.0617, 14.0169

Details

The XYZ color **15.6535, 17.1649, 10.4708** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3390, 9.9904, 19.4725**, and the grayscale version is **15.9227, 16.7520, 18.2429**.

A 20% lighter version of the original color is **35.6230, 38.6699, 27.4163**, and **5.0735, 5.6455, 2.5726** is the 20% darker color. If you saturate the color by 10%, you get **15.0560, 16.6430, 8.1969**, and if you desaturate by 10%, it is **16.3360, 17.7269, 13.1741**.

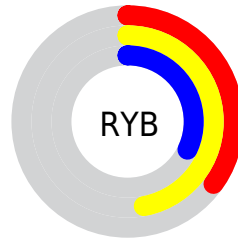
Distribution



Red (47%)

Green (45%)

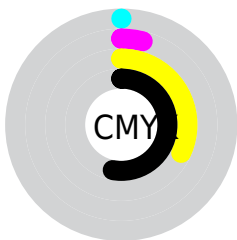
Blue (32%)



Red (35%)

Yellow (47%)

Blue (32%)

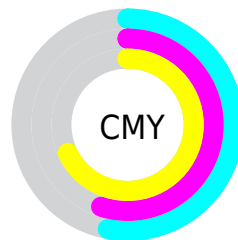


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6535, 17.1649, 10.4708 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 15.6535, 17.1649, 10.4708 by changing the saturation by 10% instead.

■ 15.6535, 17.1649,
10.4708

■ 15.6535, 17.1649,
10.4708

220.5991,
236.1209, 204.6054

■ 9.3686, 10.3521,
5.6025

■ 35.5579, 38.6091,
27.2989

■ 5.0414, 5.6331,
2.5401

■ 49.9082, 54.0093,
40.0958

■ 2.3066, 2.6233,
0.8613

■ 67.6775, 73.0407,
56.3727

■ 0.7980, 0.9384,
0.0000

■ 89.2314, 96.0879,
76.5480

■ 0.0000, 0.0000,
0.0000

■ 114.9352,
123.5350, 101.0405

145.1541,

155.7667, 130.2685

180.2537,
193.1672, 164.6506

■ 15.6535, 17.1649,
10.4708

■ 15.6535, 17.1649,
10.4708

■ 15.0560, 16.6430,
8.1969

■ 16.3360, 17.7269,
13.1741

■ 14.5381, 16.1570,
6.3289

■ 17.1063, 18.3281,
16.3267

■ 14.0954, 15.7058,
4.8426

■ 17.9685, 18.9709,
19.9483

■ 13.7227, 15.2873,
3.7109

■ 18.9260, 19.6567,
24.0572

■ 13.4143, 14.8993,
2.9029

■ 19.9823, 20.3869,
28.6708

■ 13.1633, 14.5388,
2.3825

■ 21.1404, 21.1627,
33.8056

■ 12.9875, 14.2696,
2.0698

■ 22.4033, 21.9853,
39.4773

■ 23.7739, 22.8559,
45.7011

■ 25.2550, 23.7757,
52.4913

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4800, 17.1649, 10.7169



15.6535, 17.1649, 10.4708



14.1214, 17.1649, 12.0974

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.6535, 17.1649, 10.4708



13.8124, 17.1649, 26.0797



19.8568, 17.1649, 22.1438

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.6535, 17.1649, 10.4708



10.3390, 9.9904, 19.4725

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.7242, 17.1649, 27.3249



15.6535, 17.1649, 10.4708



15.2024, 17.1649, 29.8733

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.6535, 17.1649, 10.4708



13.1123, 17.1649, 20.6760



16.9943, 17.1649, 30.3672



20.0002, 17.1649, 16.8348

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.6535, 17.1649, 10.4708



13.4379, 17.1649, 14.2397



16.9943, 17.1649, 30.3672



19.5754, 17.1649, 23.9817

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.6539, 17.1657, 10.4712



30.9255, 33.0429, 30.4535



12.6311, 10.7911, 10.4771



7.0330, 7.5264, 6.8045



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.6539, 17.1657, 10.4712



27.1902, 30.0085, 15.5322



14.3878, 17.3912, 10.5814



4.2660, 4.5505, 4.2780



13.9125, 15.2809, 2.2162



65.9289, 72.0213, 10.4267

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10.3390, 9.9904, 19.4725



16.0353, 14.9523, 34.4338



11.3241, 9.9184, 19.4067



3.8352, 3.9688, 5.0071



3.8839, 1.8502, 19.5377



18.1679, 8.1085, 93.0773

Previews

White Background



This preview shows how the XYZ color 15.6535, 17.1649, 10.4708 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.6535, 17.1649, 10.4708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

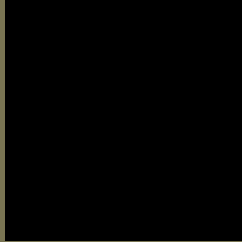
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6535, 17.1649, 10.4708

Background



This preview shows how black text looks on a background with the XYZ color 15.6535, 17.1649, 10.4708.



This preview shows how white text looks on a background with the XYZ color 15.6535, 17.1649,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.6535, 17.1649, 10.4708

Protanopia

15.9659, 17.1557, 10.4525

Deuteranopia

17.2906, 17.0106, 10.5557



Tritanopia

17.5321, 17.0849, 20.1430

Trichromacy



Original Color

15.6535, 17.1649, 10.4708

Protanomaly

15.8221, 17.0816, 10.4458

Deuteranomaly

16.7156, 17.0382, 10.5913

Tritanomaly

16.8188, 17.1359, 16.0568

Monochromacy



Original Color

15.6535, 17.1649, 10.4708

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8651, 17.0027, 15.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6535, 17.1649, 10.4708 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 116, 82)` looks like.

```
.text, #text, p{  
    color:rgb(121, 116, 82)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 116, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 116, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.6535, 17.1649, 10.4708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 116, 82) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 116, 82) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 116, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 116, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 116, 82);  
box-shadow:4px 4px 4px 4px rgb(121, 116,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6535, 17.1649, 10.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 116, 82) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
116, 82) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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